

**Booker Fork Refuse
AML Enhancement Rule Project
Pike County**

Project Description

The proposed project (4.5 acres total) consists of removing coal refuse material along Booker Fork Road in Pike County. The project area is centrally located in the Dorton Quadrangle at 37° 19' 27.8" latitude and 82° 34' 3.8" longitude. The project will remove coal refuse that is a source of contaminated drainage water, wind blown dust, and is a fire hazard. The entire project work area slated for any excavation has been previously disturbed by any or all of the following: coal mining operations, including mine drainage, timber operations, gas/oil well development, residential development, road construction, and/or high velocity water flows associated with heavy rain events and flooding. These disturbances consist of significant upheaval, mixing, and removal of earthen material from deep excavation, grading, sub-surface drilling, fill material placement, and erosion. There should be no undisturbed earthen material to a depth of several feet at the areas slated for significant project-related construction activities.

Tree removal will only take place from October 15 to March 31. The coal refuse will be removed from the top down, with a sediment control structure at the bottom. Borrow material for vegetation will be from on site. Water sprinkling will control dust. Access to the refuse area will be with a temporary creek crossing 60 feet wide. Once all refuse material has been removed from the project area, every effort will be made to construct a drainage path in the natural ground in such a manner as to mirror the pre-existing/natural configuration. AML funding will be used to plant tree seedlings at the end of the project.

Construction disturbances will be kept to a minimum through the use of a stringently formulated sediment and erosion control program, consisting of hay-bale silt checks and/or silt fences maintained throughout the life of the project, prompt re-vegetation using agricultural limestone, fertilizer, seed, netting and mulch for the areas disturbed by the project. All necessary permits and/or variances will be procured prior to construction.